

S

(FILE 'HOME' ENTERED AT 08:42:00 ON 30 SEP 2005)

FILE 'CAPLUS, USPATFULL' ENTERED AT 08:42:26 ON 30 SEP 2005

L1 3779261 S ?ACTIVE OR PHARMACEUT? OR DRUG OR MEDICAMENT
L2 83540 S MICRO SPHERE OR MICROSPHERE OR MICRO PARTICLE OR MICROPARTICL
L3 11485 S L1 (2A) L2
L4 2563 S L1 (A) L2
L5 296234 S PROPELLANT OR FLUOROALKANE OR FLUORO ALKANE OR PROPANE OR BUT
L6 5 S L4 (P) L5
L7 19 S L4 (P) AEROSOL?
L8 17 S L7 NOT L6
L9 16 S L3 (P) L5
L10 11 S L9 NOT L6
L11 11 S L10 NOT L7
L12 230 S L3 (P) AEROSOL?
L13 34 S L3 (2A) AEROSOL?
L14 26 S L13 NOT L7
L15 1921 S L2 (2A) (PORE OR POROUS)
L16 1 S L15 (P) L13
L17 2 S L15 AND L13
L18 1 S L17 NOT L16

=>

L14 ANSWER 1 OF 26 CAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2005:403981 CAPLUS
 DOCUMENT NUMBER: 143:272173
 TITLE: Aerosol delivery during mechanical ventilation to the
 rat. [Erratum to document cited in CA142:303385]
 AUTHOR(S): Hofstetter, Christian; Flondor, Michael; Thein,
 Eckart; Hoegl, Sandra; Kemming, Gregor; Kisch-Wedel,
 Hille; Kreyling, Wolfgang; Zwissler, Bernhard
 CORPORATE SOURCE: Department of Anaesthesiology, University of
 Frankfurt, Frankfurt, Germany
 SOURCE: Experimental Lung Research (2004), 30(8), 771
 CODEN: EXLRDA; ISSN: 0190-2148
 PUBLISHER: Taylor & Francis, Inc.
 DOCUMENT TYPE: Journal
 LANGUAGE: English

L14 ANSWER 2 OF 26 CAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2004:752128 CAPLUS
 DOCUMENT NUMBER: 142:303385
 TITLE: Aerosol delivery during mechanical ventilation to the
 rat
 AUTHOR(S): Hofstetter, Christian; Flonder, Michael; Thein,
 Eckart; Hoeg, Sandra; Kemming, Gregor; Kisch-Wedel,
 Hille; Kreyling, Wolfgang; Zwissler, Bernhard
 CORPORATE SOURCE: Department of Anaesthesiology, University of
 Frankfurt, Frankfurt, Germany
 SOURCE: Experimental Lung Research (2004), 30(7), 635-651
 CODEN: EXLRDA; ISSN: 0190-2148
 PUBLISHER: Taylor & Francis, Inc.
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 REFERENCE COUNT: 45 THERE ARE 45 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 3 OF 26 CAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2004:610075 CAPLUS
 DOCUMENT NUMBER: 141:145719
 TITLE: Pharmaceutical aerosol composition
 INVENTOR(S): Eyles, James Edward; Phillips, Gary John; Maidment,
 Michael Patrick; Williamson, Ethel Diane
 PATENT ASSIGNEE(S): The Secretary of State for Defence, UK
 SOURCE: PCT Int. Appl., 20 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004062651	A1	20040729	WO 2004-GB104	20040114
WO 2004062651	C1	20040930		
W: AE, AE, AG, AL, AL, AM, AM, AM, AT, AT, AU, AU, AZ, AZ, BA, BB, BG, BG, BR, BR, BW, BY, BY, BZ, BZ, CA, CH, CN, CN, CO, CO, CR, CR, CU, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EC, EC, EE, EE, EG, ES, ES, FI, FI, GB, GD, GE, GE, GH, GH, GH, GM, HR, HR, HU, HU, ID, IL, IN, IS, JP, JP, KE, KE, KG, KG, KP, KP, KR, KR, KZ, KZ, KZ, LC, LK, LR, LS, LS, LT, LU, LV, MA, MD, MD, MG, MK, MN, MW, MX, MX, MZ				

PRIORITY APPLN. INFO.: GB 2003-885 A 20030115

L14 ANSWER 4 OF 26 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2003:448897 CAPLUS
 DOCUMENT NUMBER: 140:133486
 TITLE: Evaluation of novel aerosol formulations designed for mucosal vaccination against influenza virus
 AUTHOR(S): Smith, Dan J.; Bot, Simona; Dellamary, Luis; Bot, Adrian
 CORPORATE SOURCE: Department of Immunology, Alliance Pharmaceutical Corp., San Diego, CA, USA
 SOURCE: Vaccine (2003), 21(21-22), 2805-2812
 CODEN: VACCDE; ISSN: 0264-410X
 PUBLISHER: Elsevier Science Ltd.
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 REFERENCE COUNT: 19 THERE ARE 19 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 5 OF 26 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2000:207980 CAPLUS
 DOCUMENT NUMBER: 133:22339
 TITLE: Hollow porous particles in metered dose inhalers
 AUTHOR(S): Dellamary, Luis A.; Tarara, Thomas E.; Smith, Dan J.; Woelk, Christopher H.; Adractas, Anastasios; Costello, Michael L.; Gill, Howard; Weers, Jeffrey G.
 CORPORATE SOURCE: Alliance Pharmaceutical Corp., San Diego, CA, 92121, USA
 SOURCE: Pharmaceutical Research (2000), 17(2), 168-174
 CODEN: PHREEB; ISSN: 0724-8741
 PUBLISHER: Kluwer Academic/Plenum Publishers
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 REFERENCE COUNT: 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 6 OF 26 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 1999:819221 CAPLUS
 DOCUMENT NUMBER: 132:69326
 TITLE: Large porous particles emitted from an inhaler
 INVENTOR(S): Edwards, David A.; Batycky, Richard P.; Caponetti, Giovanni
 PATENT ASSIGNEE(S): Advanced Inhalation Research, Inc., USA
 SOURCE: PCT Int. Appl., 68 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9966903	A2	19991229	WO 1999-US14074	19990622
WO 9966903	A3	20000203		
W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
CA 2336139	AA	19991229	CA 1999-2336139	19990622
AU 9947068	A1	20000110	AU 1999-47068	19990622
AU 747231	B2	20020509		
EP 1089712	A2	20010411	EP 1999-930552	19990622

EP 1089712	B1	20030502		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
JP 2002518432	T2	20020625	JP 2000-555589	19990622
EP 1273290	A1	20030108	EP 2002-22466	19990622
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY				
AT 238768	E	20030515	AT 1999-930552	19990622
ES 2198922	T3	20040201	ES 1999-930552	19990622
PRIORITY APPLN. INFO.:			US 1998-90454P	P 19980624
			EP 1999-930552	A3 19990622
			WO 1999-US14074	W 19990622

L14 ANSWER 7 OF 26 CAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 1994:331031 CAPLUS
 DOCUMENT NUMBER: 120:331031
 TITLE: Influence of gas density and pressure on microparticles produced with the ASES process
 AUTHOR(S): Bleich, J.; Kleinebudde, P.; Mueller, B. W.
 CORPORATE SOURCE: Dep. Pharm. Biopharm., Christian Albrechts Univ., Kiel, D-24118, Germany
 SOURCE: International Journal of Pharmaceutics (1994), 106(1), 77-84
 CODEN: IJPHDE; ISSN: 0378-5173
 DOCUMENT TYPE: Journal
 LANGUAGE: English

L14 ANSWER 8 OF 26 CAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 1993:656505 CAPLUS
 DOCUMENT NUMBER: 119:256505
 TITLE: Influence of two production parameters on microparticle size in aerosol solvent extraction system (ASES)
 AUTHOR(S): Bleich, J.; Mueller, B. W.; Nagels, K. H.; Wolff, H. M.
 CORPORATE SOURCE: Dep. Pharm. Biopharm., Christian-Albrecht-Univ., Kiel, 2300, Germany
 SOURCE: Proc. Int. Symp. Controlled Release Bioact. Mater., 20th (1993), 456-7. Editor(s): Roseman, Theodore J.; Peppas, Nicholas A.; Gabelnick, Henry L. Controlled Release Soc.: Deerfield, Ill.
 CODEN: 59LOAL
 DOCUMENT TYPE: Conference
 LANGUAGE: English

L14 ANSWER 9 OF 26 CAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 1993:240799 CAPLUS
 DOCUMENT NUMBER: 118:240799
 TITLE: Microparticle production by the Aerosol Solvent Extraction System (ASES)
 AUTHOR(S): Bleich, J.; Wassmus, W.; Mueller, B. W.
 CORPORATE SOURCE: Dep. Pharm., Christian Albrechts Univ., Kiel, 2300/1, Germany
 SOURCE: Proc. Program Int. Symp. Controlled Release Bioact. Mater., 18th (1991), 475-6. Editor(s): Kellaway, Ian W. Controlled Release Soc.: Deerfield, Ill.
 CODEN: 58GMAH
 DOCUMENT TYPE: Conference
 LANGUAGE: English

L14 ANSWER 10 OF 26 USPATFULL on STN
 ACCESSION NUMBER: 2004:4287 USPATFULL
 TITLE: Compositions and methods for the pulmonary delivery of aerosolized medicaments

INVENTOR(S): Platz, Robert M., Half Moon Bay, CA, United States
Patton, John S., San Carlos, CA, United States
Foster, Linda, Sunnyvale, CA, United States
Eljamal, Mohammed, San Jose, CA, United States
PATENT ASSIGNEE(S): Nektar Therapeutics, San Carlos, CA, United States
(U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6673335	B1	20040106
APPLICATION INFO.:	US 2000-616236		20000714 (9)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 737724, now patented, Pat. No. US 6231851 Continuation of Ser. No. US 1995-423515, filed on 14 Apr 1995, now patented, Pat. No. US 6582728 Continuation-in-part of Ser. No. US 1995-417507, filed on 4 Apr 1995, now abandoned Continuation of Ser. No. US 1993-44358, filed on 7 Apr 1993, now abandoned Continuation of Ser. No. US 616236 Continuation-in-part of Ser. No. US 1995-383475, filed on 1 Feb 1995, now abandoned Continuation-in-part of Ser. No. US 1994-313707, filed on 27 Sep 1994, now abandoned Continuation-in-part of Ser. No. US 1994-309691, filed on 21 Sep 1994, now patented, Pat. No. US 5785049 Continuation-in-part of Ser. No. US 1994-246034, filed on 18 May 1994, now abandoned Continuation-in-part of Ser. No. US 1992-910048, filed on 8 Jul 1992, now patented, Pat. No. US 5458135		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	GRANTED		
PRIMARY EXAMINER:	Hartley, Michael G.		
ASSISTANT EXAMINER:	Haghighatian, M.		
LEGAL REPRESENTATIVE:	Evans, Susan T., Wilson, Mark A., Cagan, Felissa H.		
NUMBER OF CLAIMS:	26		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	0 Drawing Figure(s); 0 Drawing Page(s)		
LINE COUNT:	1130		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			

L14 ANSWER 11 OF 26 USPATFULL on STN
ACCESSION NUMBER: 2003:288220 USPATFULL
TITLE: Spray freeze-dried compositions
INVENTOR(S): Maa, Yuh-Fun, Fremont, CA, UNITED STATES
Prestrelski, Steven J., Fremont, CA, UNITED STATES
Burkoth, Terry L., Fremont, CA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003202978	A1	20031030
APPLICATION INFO.:	US 2002-164594	A1	20020610 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-296939P	20010608 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	Sharon E. Crane, Ph. D., BURNS, DOANE, SWECKER & MATHIS, L.L.P., P.O. Box 1404, Alexandria, VA, 22313-1404	
NUMBER OF CLAIMS:	18	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	19 Drawing Page(s)	
LINE COUNT:	3249	

L14 ANSWER 12 OF 26 USPATFULL on STN

ACCESSION NUMBER: 2003:282260 USPATFULL
 TITLE: Compositions and methods for the pulmonary delivery of aerosolized medicaments
 INVENTOR(S): Platz, Robert M., Half Moon Bay, CA, UNITED STATES
 Patton, John S., Portola Valley, CA, UNITED STATES
 Foster, Linda, Sunnyvale, CA, UNITED STATES
 Eljamal, Mohammed, Tripoli, LEBANON

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003198601	A1	20031023
APPLICATION INFO.:	US 2002-313961	A1	20021206 (10)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1995-423515, filed on 14 Apr 1995, GRANTED, Pat. No. US 6582728		
	Continuation-in-part of Ser. No. US 1992-910048, filed on 8 Jul 1992, GRANTED, Pat. No. US 5458135		
	Continuation-in-part of Ser. No. US 1995-417507, filed on 4 Apr 1995, ABANDONED Continuation of Ser. No. US 1993-44358, filed on 7 Apr 1993, ABANDONED		
	Continuation-in-part of Ser. No. US 1994-309691, filed on 21 Sep 1994, GRANTED, Pat. No. US 5785049		
	Continuation-in-part of Ser. No. US 1994-313707, filed on 27 Sep 1994, ABANDONED Continuation-in-part of Ser. No. US 1995-383475, filed on 1 Feb 1995, ABANDONED		
	Continuation-in-part of Ser. No. US 1994-246034, filed on 18 May 1994, ABANDONED		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	NEKTAR THERAPEUTICS, 150 INDUSTRIAL ROAD, SAN CARLOS, CA, 94070		
NUMBER OF CLAIMS:	21		
EXEMPLARY CLAIM:	1		
LINE COUNT:	1159		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			

L14 ANSWER 13 OF 26 USPATFULL on STN

ACCESSION NUMBER: 2003:264751 USPATFULL
 TITLE: Composition for pulmonary administration comprising a drug and a hydrophobic amino acid
 INVENTOR(S): Platz, Robert M., Half Moon Bay, CA, UNITED STATES
 Patton, John S., Portola Valley, CA, UNITED STATES
 Foster, Linda C., Sunnyvale, CA, UNITED STATES
 Eljamal, Mohammed, Tripoli, LEBANON

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003185765	A1	20031002
APPLICATION INFO.:	US 2003-388814	A1	20030314 (10)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 2003-355578, filed on 31 Jan 2003, PENDING Continuation of Ser. No. US 2002-66106, filed on 1 Feb 2002, ABANDONED Continuation of Ser. No. US 1999-447753, filed on 22 Nov 1999, GRANTED, Pat. No. US 6372258 Continuation of Ser. No. US 1995-423515, filed on 14 Apr 1995, GRANTED, Pat. No. US 6582728 Continuation-in-part of Ser. No. US 1992-910048, filed on 8 Jul 1992, GRANTED, Pat. No. US 5458135 Continuation-in-part of Ser. No. US 1995-417507, filed on 4 Apr 1995, ABANDONED		
	Continuation-in-part of Ser. No. US 1994-232849, filed on 25 Apr 1994, GRANTED, Pat. No. US 5607915		
	Continuation-in-part of Ser. No. US 1994-309691, filed on 21 Sep 1994, GRANTED, Pat. No. US 5785049		
	Continuation-in-part of Ser. No. US 1994-313707, filed on 27 Sep 1994, ABANDONED Continuation-in-part of Ser.		

No. US 1995-383475, filed on 1 Feb 1995, ABANDONED
DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: NEKTAR THERAPEUTICS, 150 INDUSTRIAL ROAD, SAN CARLOS,
CA, 94070
NUMBER OF CLAIMS: 25
EXEMPLARY CLAIM: 1
LINE COUNT: 1158
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L14 ANSWER 14 OF 26 USPATFULL on STN

ACCESSION NUMBER: 2003:187355 USPATFULL
TITLE: Composition for pulmonary administration comprising a
drug and a hydrophobic amino acid
INVENTOR(S): Platz, Robert M., Half Moon Bay, CA, UNITED STATES
Patton, John S., Portola Valley, CA, UNITED STATES
Foster, Linda C., Sunnyvale, CA, UNITED STATES
Eljamal, Mohammed, Tripoli, LEBANON

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003129141	A1	20030710
	US 6921527	B2	20050726
APPLICATION INFO.:	US 2003-355578	A1	20030131 (10)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 2002-66106, filed on 1 Feb 2002, ABANDONED Continuation of Ser. No. US 1999-447753, filed on 22 Nov 1999, GRANTED, Pat. No. US 6372258 Continuation of Ser. No. US 1995-423515, filed on 14 Apr 1995, PENDING Continuation of Ser. No. US 1997-737724, filed on 14 Jul 1997, GRANTED, Pat. No. US 6231851 A 371 of International Ser. No. WO 1995-US6008, filed on 15 May 1995, PENDING Continuation-in-part of Ser. No. US 1995-417507, filed on 4 Apr 1995, ABANDONED Continuation of Ser. No. US 1993-44358, filed on 7 Apr 1993, ABANDONED Continuation-in-part of Ser. No. US 1994-309691, filed on 21 Sep 1994, GRANTED, Pat. No. US 5785049 Continuation-in-part of Ser. No. US 1994-313707, filed on 27 Sep 1994, ABANDONED Continuation-in-part of Ser. No. US 1995-383475, filed on 1 Feb 1995, ABANDONED		

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: NEKTAR THERAPEUTICS, 150 INDUSTRIAL ROAD, SAN CARLOS,
CA, 94070
NUMBER OF CLAIMS: 25
EXEMPLARY CLAIM: 1
LINE COUNT: 1155
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L14 ANSWER 15 OF 26 USPATFULL on STN

ACCESSION NUMBER: 2003:168833 USPATFULL
TITLE: Spray drying of macromolecules to produce inhaleable
dry powders
INVENTOR(S): Platz, Robert M., Half Moon Bay, CA, United States
Patton, John S., San Carlos, CA, United States
Foster, Linda, Sunnyvale, CA, United States
Eljamal, Mohammed, San Jose, CA, United States
PATENT ASSIGNEE(S): Inhale Therapeutic Systems, Inc., San Carlos, CA,
United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6582728	B1	20030624
APPLICATION INFO.:	US 1995-423515		19950414 (8)

RELATED APPLN. INFO.: Continuation-in-part of Ser. No. US 1992-910048, filed on 8 Jul 1992, now patented, Pat. No. US 5458135

DOCUMENT TYPE: Utility

FILE SEGMENT: GRANTED

PRIMARY EXAMINER: Dees, Jose' G.

ASSISTANT EXAMINER: Haghighatian, Mina

LEGAL REPRESENTATIVE: Evans, Susan T., Cagan, Felissa H., Hurst, Stephen L.

NUMBER OF CLAIMS: 27

EXEMPLARY CLAIM: 1

NUMBER OF DRAWINGS: 0 Drawing Figure(s); 0 Drawing Page(s)

LINE COUNT: 1374

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L14 ANSWER 16 OF 26 USPATFULL on STN

ACCESSION NUMBER: 2003:126666 USPATFULL

TITLE: Devices, compositions and methods for the pulmonary delivery of aerosolized medicaments

INVENTOR(S): Platz, Robert M., Half Moon Bay, CA, UNITED STATES
 Patton, John S., San Carlos, CA, UNITED STATES
 Foster, Linda, Sunnyvale, CA, UNITED STATES
 Eljamal, Mohammed, San Jose, CA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003086877	A1	20030508
APPLICATION INFO.:	US 2002-245705	A1	20020918 (10)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 2000-616236, filed on 14 Jul 2000, PENDING Continuation of Ser. No. US 1999-447753, filed on 22 Nov 1999, GRANTED, Pat. No. US 6372258 Division of Ser. No. US 1999-427075, filed on 26 Oct 1999, GRANTED, Pat. No. US 6509006 Continuation of Ser. No. US 1995-423515, filed on 14 Apr 1995, PENDING Continuation-in-part of Ser. No. US 1992-910048, filed on 8 Jul 1992, GRANTED, Pat. No. US 5458135 Continuation-in-part of Ser. No. US 1995-417507, filed on 4 Apr 1995, ABANDONED Continuation of Ser. No. US 1993-44358, filed on 7 Apr 1993, ABANDONED Continuation of Ser. No. US 1994-232849, filed on 25 Apr 1994, GRANTED, Pat. No. US 5607915 Continuation of Ser. No. US 1994-309691, filed on 21 Sep 1994, GRANTED, Pat. No. US 5785049 Continuation of Ser. No. US 1994-246034, filed on 18 May 1994, ABANDONED Continuation of Ser. No. US 1994-313707, filed on 27 Sep 1994, ABANDONED Continuation of Ser. No. US 1995-383475, filed on 1 Feb 1995, ABANDONED		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	Mary Ann Dillahunty, BURNS, DOANE, SWECKER & MATHIS, L.L.P., P.O. Box 1404, Alexandria, VA, 22313-1404		
NUMBER OF CLAIMS:	21		
EXEMPLARY CLAIM:	1		
LINE COUNT:	1168		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			

L14 ANSWER 17 OF 26 USPATFULL on STN

ACCESSION NUMBER: 2003:105808 USPATFULL

TITLE: Methods and compositions for the dry powder formulation of interferons

INVENTOR(S): Platz, Robert M., Half Moon Bay, CA, UNITED STATES
 Kimura, Shigenobu, Ako-gun, JAPAN
 Satoh, Yu-Jchiro, Kita-ku, JAPAN
 Foster, Linda C., Mountain View, CA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003072718	A1	20030417
APPLICATION INFO.:	US 2002-245704	A1	20020918 (10)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 2000-506426, filed on 17 Feb 2000, GRANTED, Pat. No. US 6479049 Continuation of Ser. No. US 1999-444116, filed on 22 Nov 1999, GRANTED, Pat. No. US 6123936 Continuation of Ser. No. US 1997-737724, filed on 14 Jul 1997, GRANTED, Pat. No. US 6231851 A 371 of International Ser. No. WO 1995-US6008, filed on 15 May 1995, PENDING Continuation-in-part of Ser. No. US 1994-246034, filed on 18 May 1994, ABANDONED		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	Mary Ann Dillahunty, BURNS, DOANE, SWECKER & MATHIS, L.L.P., P.O. Box 1404, Alexandria, VA, 22313-1404		
NUMBER OF CLAIMS:	26		
EXEMPLARY CLAIM:	1		
LINE COUNT:	688		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			

L14 ANSWER 18 OF 26 USPATFULL on STN
 ACCESSION NUMBER: 2003:99175 USPATFULL
 TITLE: Devices, compositions and methods for the pulmonary delivery of aerosolized medicaments
 INVENTOR(S): Platz, Robert M., Half Moon Bay, CA, UNITED STATES
 Patton, John S., San Carlos, CA, UNITED STATES
 Foster, Linda, Sunnyvale, CA, UNITED STATES
 Eljamal, Mohammed, San Jose, CA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003068279	A1	20030410
APPLICATION INFO.:	US 2002-242714	A1	20020913 (10)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1999-427075, filed on 26 Oct 1999, PENDING Continuation of Ser. No. US 1995-423515, filed on 14 Apr 1995, PENDING		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	Mary Ann Dillahunty, BURNS, DOANE, SWECKER & MATHIS, L.L.P., P.O. Box 1404, Alexandria, VA, 22313-1404		
NUMBER OF CLAIMS:	21		
EXEMPLARY CLAIM:	1		
LINE COUNT:	1159		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			

L14 ANSWER 19 OF 26 USPATFULL on STN
 ACCESSION NUMBER: 2003:50822 USPATFULL
 TITLE: Methods and compositions for the dry powder formulation of interferon
 INVENTOR(S): Platz, Robert, Half Moon Bay, CA, UNITED STATES
 Kimura, Shigenobu, Hyogo, JAPAN
 Satoh, Yu-Ichiro, Sapporo, JAPAN
 Foster, Linda C., Sunnyvale, CA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003035778	A1	20030220
APPLICATION INFO.:	US 2002-245903	A1	20020917 (10)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 2000-506426, filed on 17 Feb 2000, GRANTED, Pat. No. US 6479049 Continuation of Ser. No. US 1997-737724, filed on 14 Jul 1997, GRANTED, Pat. No. US 6231851 A 371 of International Ser. No. WO		

1995-US6008, filed on 15 May 1995, PENDING A 371 of
International Ser. No. US 1994-246034, filed on 18 May
1994, ABANDONED

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: INHALE THERAPEUTIC SYSTEMS, INC, 150 INDUSTRIAL ROAD,
SAN CARLOS, CA, 94070
NUMBER OF CLAIMS: 26
EXEMPLARY CLAIM: 1
LINE COUNT: 687
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L14 ANSWER 20 OF 26 USPATFULL on STN

ACCESSION NUMBER: 2003:20015 USPATFULL
TITLE: Devices compositions and methods for the pulmonary
delivery of aerosolized medicaments
INVENTOR(S): Platz, Robert M., Half Moon Bay, CA, United States
Patton, John S., San Carlos, CA, United States
Foster, Linda, Sunnyvale, CA, United States
Eljamal, Mohammed, San Jose, CA, United States
PATENT ASSIGNEE(S): Inhale Therapeutic Systems, Inc., San Carlos, CA,
United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6509006	B1	20030121
APPLICATION INFO.:	US 1999-427075		19991026 (9)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1995-417507, filed on 4 Apr 1995, now abandoned Continuation of Ser. No. US 1995-383475, filed on 1 Feb 1995 Continuation of Ser. No. US 1994-313707, filed on 27 Sep 1994 Continuation of Ser. No. US 1994-309691, filed on 21 Sep 1994 Continuation of Ser. No. US 1994-246034, filed on 18 May 1994 Continuation of Ser. No. US 1994-232849, filed on 25 Apr 1994 Continuation of Ser. No. US 1993-44358, filed on 7 Apr 1993 Continuation-in-part of Ser. No. US 1992-910048, filed on 8 Jul 1992		

DOCUMENT TYPE: Utility
FILE SEGMENT: GRANTED
PRIMARY EXAMINER: Dees, Jose' G.
ASSISTANT EXAMINER: Haghighatian, Mina
LEGAL REPRESENTATIVE: Burns Doane Swecker & Mathis LLP
NUMBER OF CLAIMS: 2
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 0 Drawing Figure(s); 0 Drawing Page(s)
LINE COUNT: 1332
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L14 ANSWER 21 OF 26 USPATFULL on STN

ACCESSION NUMBER: 2002:297290 USPATFULL
TITLE: Methods and compositions for the dry powder formulation
of interferons
INVENTOR(S): Platz, Robert M., Half Moon Bay, CA, United States
Kimura, Shigenobu, Hyogo, JAPAN
Sato, Yu-ichiro, Sapporo, JAPAN
Foster, Linda C., Mountain View, CA, United States
PATENT ASSIGNEE(S): Inhale Therapeutic Systems, Inc., San Carlos, CA,
United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6479049	B1	20021112
APPLICATION INFO.:	US 2000-506426		20000217 (9)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 737724, now patented, Pat.		

No. US 6231851 Continuation-in-part of Ser. No. US 1994-246034, filed on 18 May 1994, now abandoned

DOCUMENT TYPE: Utility
FILE SEGMENT: GRANTED
PRIMARY EXAMINER: Stucker, Jeffrey
ASSISTANT EXAMINER: Seharaseyon, Jegatheesan
LEGAL REPRESENTATIVE: Evans, Susan T., Cagan, Felissa H.
NUMBER OF CLAIMS: 17
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 0 Drawing Figure(s); 0 Drawing Page(s)
LINE COUNT: 637
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L14 ANSWER 22 OF 26 USPATFULL on STN

ACCESSION NUMBER: 2002:235005 USPATFULL

TITLE: Composition for pulmonary administration comprising a drug and a hydrophobic amino acid

INVENTOR(S): Platz, Robert M., Half Moon Bay, CA, UNITED STATES
Patton, John S., Portola Valley, CA, UNITED STATES
Foster, Linda, Sunnyvale, CA, UNITED STATES
Eljamal, Mohammed, Tripoli, LEBANON

NUMBER	KIND	DATE
--------	------	------

PATENT INFORMATION:	US 2002127188	A1	20020912
---------------------	---------------	----	----------

APPLICATION INFO.:	US 2002-66106	A1	20020201 (10)
--------------------	---------------	----	---------------

RELATED APPLN. INFO.:	Continuation of Ser. No. US 1999-447753, filed on 22 Nov 1999, GRANTED, Pat. No. US 6372258 Continuation of Ser. No. US 1995-423515, filed on 14 Apr 1995, PENDING Continuation of Ser. No. US 1997-737724, filed on 14 Jul 1997, GRANTED, Pat. No. US 6231851 A 371 of International Ser. No. WO 1995-US6008, filed on 15 May 1995, UNKNOWN Continuation-in-part of Ser. No. US 1995-417507, filed on 4 Apr 1995, ABANDONED Continuation of Ser. No. US 1993-44358, filed on 7 Apr 1993, ABANDONED Continuation-in-part of Ser. No. US 1994-309691, filed on 21 Sep 1994, GRANTED, Pat. No. US 5785049 Continuation-in-part of Ser. No. US 1994-246034, filed on 18 May 1994, ABANDONED Continuation-in-part of Ser. No. US 1994-313707, filed on 27 Sep 1994, ABANDONED Continuation-in-part of Ser. No. US 1995-383475, filed on 1 Feb 1995, ABANDONED		
-----------------------	---	--	--

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: INHALE THERAPEUTIC SYSTEMS, INC, 150 INDUSTRIAL ROAD, SAN CARLOS, CA, 94070

NUMBER OF CLAIMS: 21
EXEMPLARY CLAIM: 1
LINE COUNT: 1165

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L14 ANSWER 23 OF 26 USPATFULL on STN

ACCESSION NUMBER: 2002:219056 USPATFULL

TITLE: Compositions and methods for the pulmonary delivery of aerosolized macromolecules

INVENTOR(S): Platz, Robert M., Half Moon Bay, CA, UNITED STATES
Patton, John S., San Carlos, CA, UNITED STATES
Foster, Linda C., Sunnyvale, CA, UNITED STATES
Eljamal, Mohammed, San Jose, CA, UNITED STATES

NUMBER	KIND	DATE
--------	------	------

PATENT INFORMATION:	US 2002117170	A1	20020829
---------------------	---------------	----	----------

	US 6797258	B2	20040928
--	------------	----	----------

APPLICATION INFO.: US 2002-72430 A1 20020208 (10)
 RELATED APPLN. INFO.: Continuation of Ser. No. US 1995-423515, filed on 14 Apr 1995, PENDING Continuation-in-part of Ser. No. US 1992-910048, filed on 8 Jul 1992, PATENTED Continuation-in-part of Ser. No. US 1995-417507, filed on 4 Apr 1995, ABANDONED Continuation of Ser. No. US 1993-44358, filed on 7 Apr 1993, ABANDONED Continuation-in-part of Ser. No. US 1994-309691, filed on 21 Sep 1994, PATENTED Continuation-in-part of Ser. No. US 1994-313707, filed on 27 Sep 1994, ABANDONED Continuation-in-part of Ser. No. US 1995-383475, filed on 1 Feb 1995, ABANDONED

DOCUMENT TYPE: Utility
 FILE SEGMENT: APPLICATION
 LEGAL REPRESENTATIVE: INHALE THERAPEUTIC SYSTEMS, INC, 150 INDUSTRIAL ROAD, SAN CARLOS, CA, 94070

NUMBER OF CLAIMS: 25
 EXEMPLARY CLAIM: 1
 LINE COUNT: 1157
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L14 ANSWER 24 OF 26 USPATFULL on STN
 ACCESSION NUMBER: 2002:81061 USPATFULL
 TITLE: Methods of spray-drying a drug and a hydrophobic amino acid
 INVENTOR(S): Platz, Robert M., Half Moon Bay, CA, United States
 Patton, John S., San Carlos, CA, United States
 Foster, Linda, Sunnyvale, CA, United States
 Eljamal, Mohammed, San Jose, CA, United States
 PATENT ASSIGNEE(S): Inhale Therapeutic Systems, San Carlos, CA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6372258	B1	20020416
APPLICATION INFO.:	US 1999-447753	19991122	(9)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1995-423515, filed on 14 Apr 1995 Continuation-in-part of Ser. No. US 737724 Continuation-in-part of Ser. No. US 447753 Continuation-in-part of Ser. No. US 1992-910048, filed on 8 Jul 1992, now patented, Pat. No. US 5458135 Continuation-in-part of Ser. No. US 447753 Continuation-in-part of Ser. No. US 1995-417507, filed on 4 Apr 1995 Continuation of Ser. No. US 1995-383475, filed on 1 Feb 1995 Continuation of Ser. No. US 1994-313707, filed on 27 Sep 1994 Continuation of Ser. No. US 1994-309691, filed on 21 Sep 1994, now patented, Pat. No. US 5785049 Continuation of Ser. No. US 1994-246034, filed on 18 May 1994 Continuation of Ser. No. US 1994-232849, filed on 25 Apr 1994, now patented, Pat. No. US 5607915 Continuation of Ser. No. US 1993-44358, filed on 7 Apr 1993		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	GRANTED		
PRIMARY EXAMINER:	Bawa, Raj		
LEGAL REPRESENTATIVE:	Evans, Susan T., Cagan, Felissa H., Hurst, Stephen L.		
NUMBER OF CLAIMS:	12		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	0 Drawing Figure(s); 0 Drawing Page(s)		
LINE COUNT:	1068		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			

L14 ANSWER 25 OF 26 USPATFULL on STN
 ACCESSION NUMBER: 2001:71088 USPATFULL

TITLE: Methods and compositions for the dry powder formulation of interferons

INVENTOR(S): Platz, Robert M., Half Moon Bay, CA, United States
Kimura, Shigenobu, Ako-gun, Japan
Sato, Yu-ichiro, Kita-ku, Japan
Foster, Linda C., Mountain View, CA, United States

PATENT ASSIGNEE(S): Inhale Therapeutic Systems, San Carlos, CA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6231851	B1	20010515
	WO 9531479		19951123
APPLICATION INFO.:	US 1997-737724		19970714 (8)
	WO 1995-US6008		19950515
			19970714 PCT 371 date
			19970714 PCT 102(e) date
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1994-246034, filed on 18 May 1994		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Guzo, David		
ASSISTANT EXAMINER:	Shuman, Jon		
LEGAL REPRESENTATIVE:	Evans, Susan T., Cagan, Felissa H., Hurst, Stephen L.		
NUMBER OF CLAIMS:	25		
EXEMPLARY CLAIM:	1		
LINE COUNT:	679		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			

L14 ANSWER 26 OF 26 USPATFULL on STN

ACCESSION NUMBER: 2000:127973 USPATFULL

TITLE: Methods and compositions for the dry powder formulation of interferons

INVENTOR(S): Platz, Robert M., Half Moon Bay, CA, United States
Kimura, Shigenobu, Hyogo, Japan
Sato, Yu-ichiro, Sapporo, Japan
Foster, Linda C., Mountain View, CA, United States

PATENT ASSIGNEE(S): Inhale Therapeutics Systems, Inc., San Carlos, CA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6123936		20000926
APPLICATION INFO.:	US 1999-444116		19991122 (9)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 737724		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Guzo, David		
ASSISTANT EXAMINER:	Shuman, Jon		
LEGAL REPRESENTATIVE:	Evans, Susan T., Cagan, Felissa H., Burst, Stephen L.		
NUMBER OF CLAIMS:	22		
EXEMPLARY CLAIM:	1		
LINE COUNT:	661		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			